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FileNet Application Connector *for SAP® R/3®, J2EE Edition*

Migration Manual

Release 2.1

March 2007

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1
Migration to ACSAP R3/J2EE

Overview

Migration to ACSAP R3/J2EE involves the following steps:

- Install the ACSAP R3/J2EE. To install, refer to the ***Installation and Configuration Guide for ACSAP R3/J2EE***, Installation Process section.
- Import the configuration settings of the existing system, such as cServer HTTP, cServer RFC and Serverlink (UNIX).
- Perform SAP configuration changes, details of which are provided in each section of this chapter.
- ACSAP R3/J2EE does not support CS. The customer can migrate from CS to P8 later in the year.
- ACSAP R3/J2EE supports thick-thin viewing. For this, user must install DWSAP client patch 5.1.1.
- ACSAP R3/J2EE does not support DMS. So, the customer must use KPRO after migration to ACSAP R3/J2EE.

ACSAP R3/J2EE supports migration from the following systems:

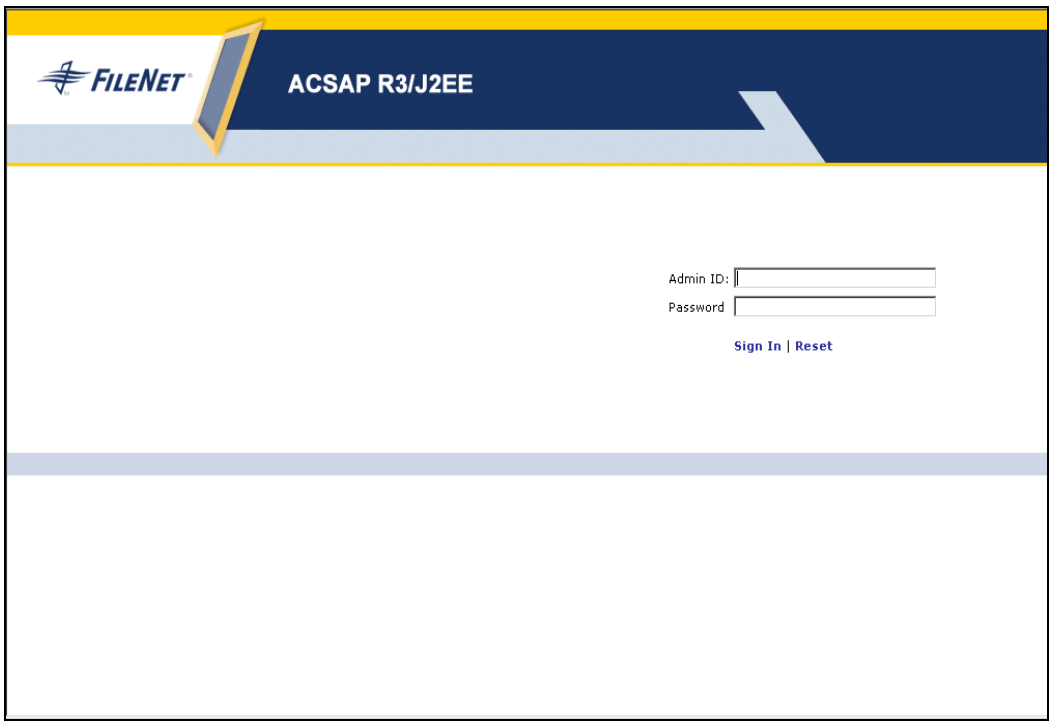
- cServer HTTP
- cServer RFC
- Serverlink (UNIX)
- Serverlink (Windows)
- ACSAP R3/J2EE 1.0.1
- ACSAP R3/J2EE 2.0
- ACSAP R3/J2EE 2.0.1

NOTE: For all the migrations, ACSAP R3/J2EE should be installed before the import process.

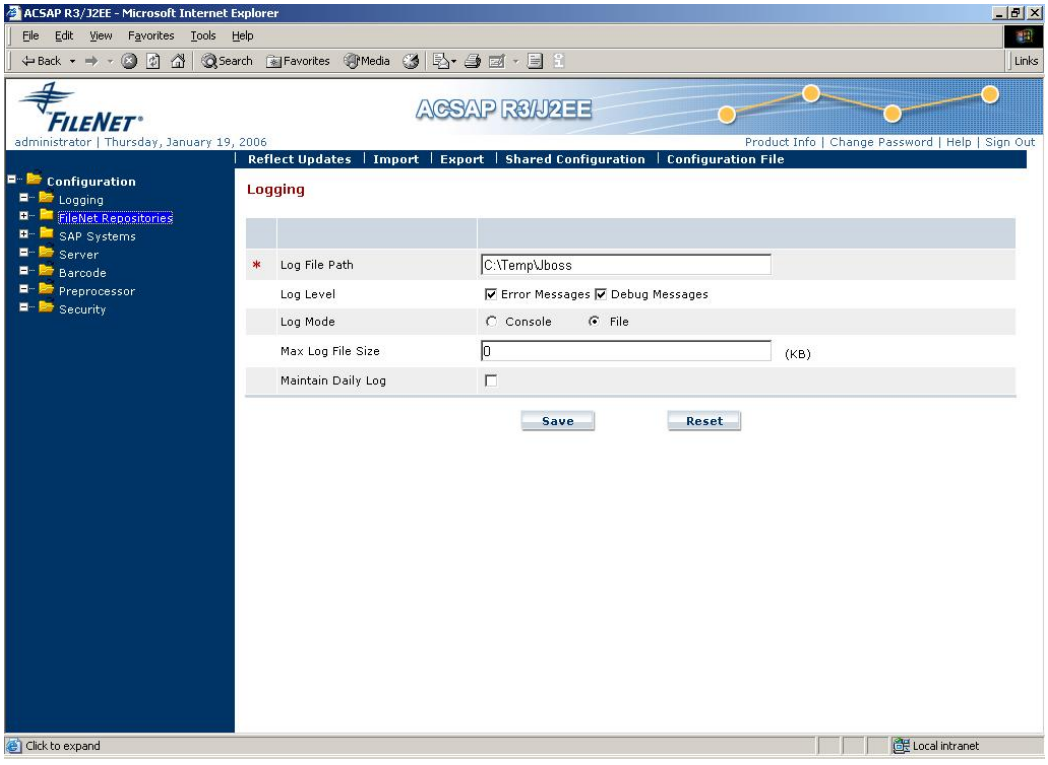
cServer HTTP to ACSAP R3/J2EE

cServer HTTP is an integral part of ACSAP Windows 5.x. To migrate to ACSAP R3/J2EE from cServer HTTP, user needs to import settings defined in the configuration file of DWSAP called dwSettings.dwc. The import process extracts configuration details, such as Logging details, FileNet Repositories, and SAP Systems from the dwSettings.dwc file and over writes the existing settings. To import the configuration settings, perform the following steps:

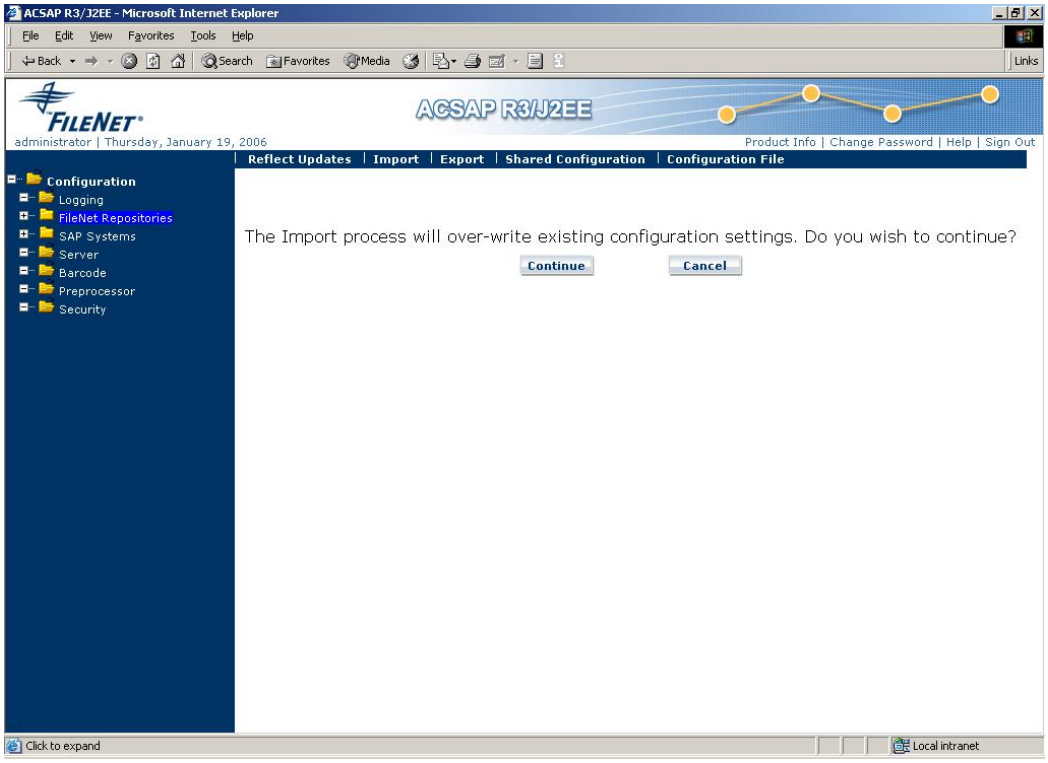
1. Login to Configuration Tool, which is a part of ACSAP R3/J2EE. The Login screen appears as shown below.



2. Enter the **Admin ID** and **Password** to display the following screen:

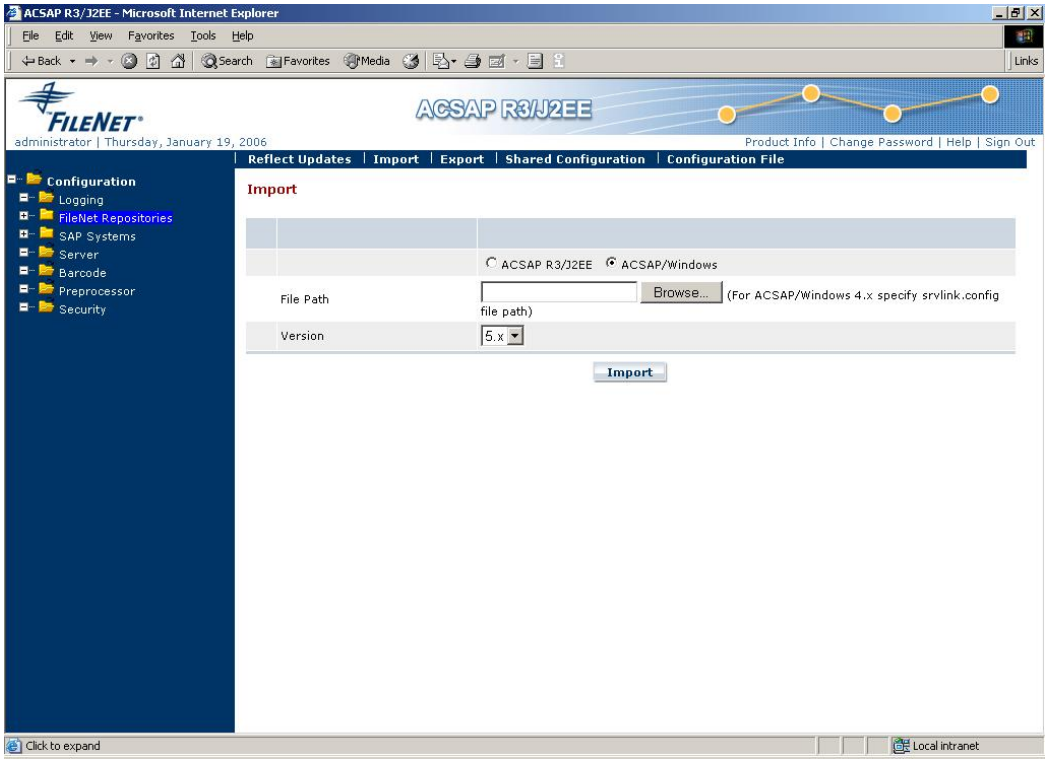


3. Click **Import** to see a screen similar to the one depicted below.



NOTE: If user clicks **Continue**, the new one over writes existing configuration settings and if user clicks **Cancel**, the control returns to the logging page.

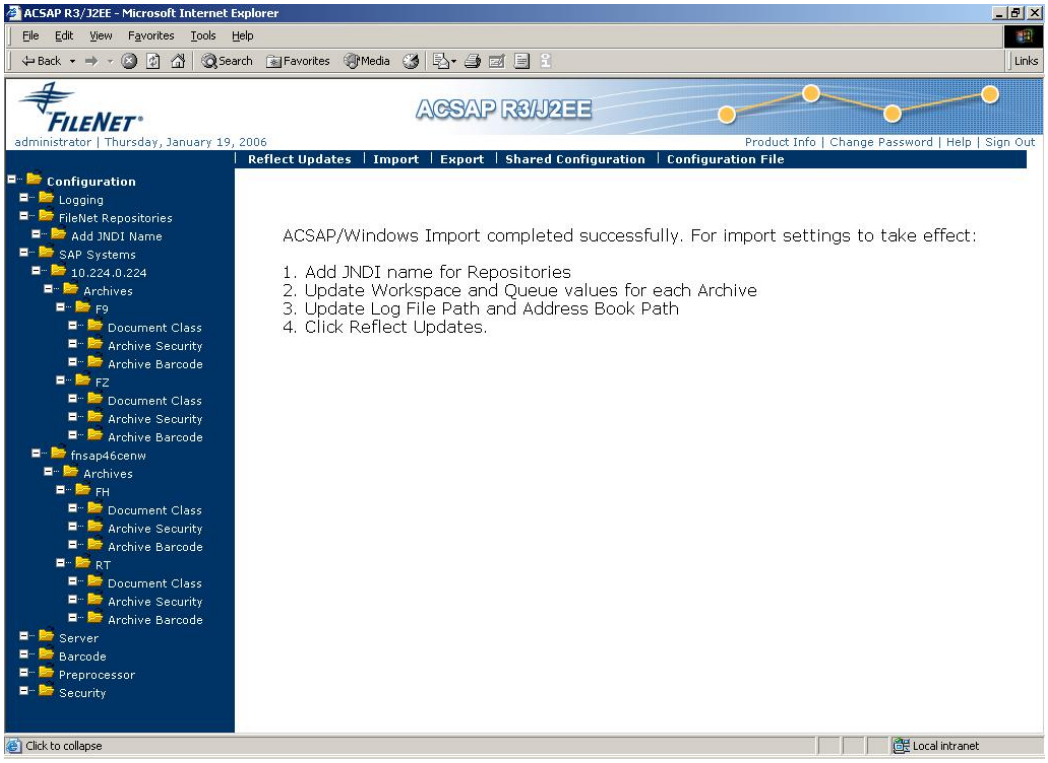
4. Click **Continue** to display a screen as shown below.



5. Refer the following table to enter the preferences:

Preferences	Description
File Path	Browse and select the dwSettings.dwc (configuration file) to be imported
Version	Specify the version of the ACSAP/Windows as 5.x

6. **Import** the settings of cServer HTTP defined in dwSettings.dwc file to ACSAP R3/J2EE configuration. A screen appears as shown below.



The Configuration Settings are imported to ACSAP R3/J2EE. However, user needs to perform post-Import activities for settings to be effective.

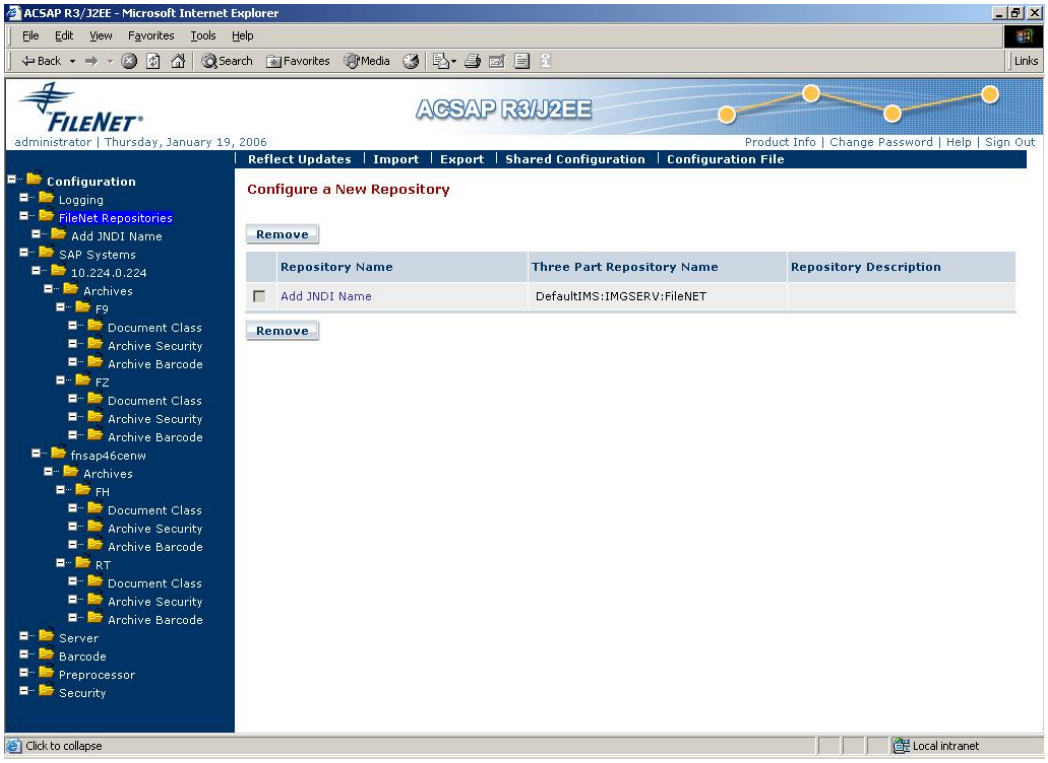
Post-Import activities for ACSAP/Windows

On successful import of ACSAP/Windows configuration, the following tasks should be performed before saving the configuration:

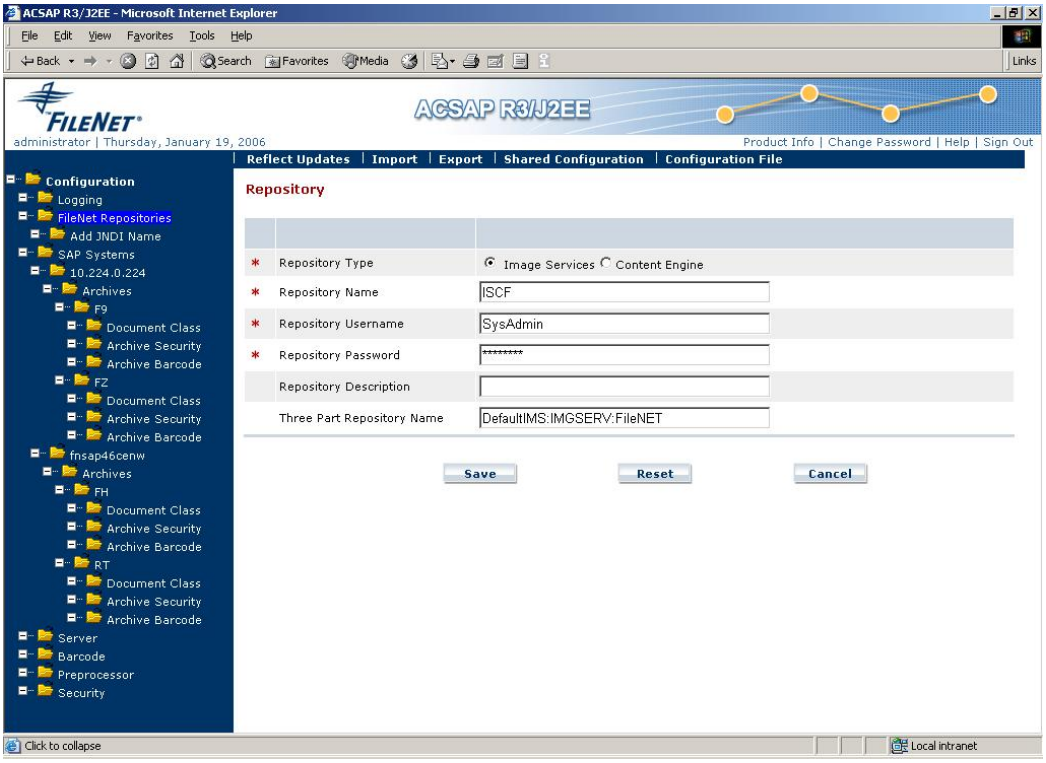
Add JNDI name for Repositories

To add JNDI name for repositories:

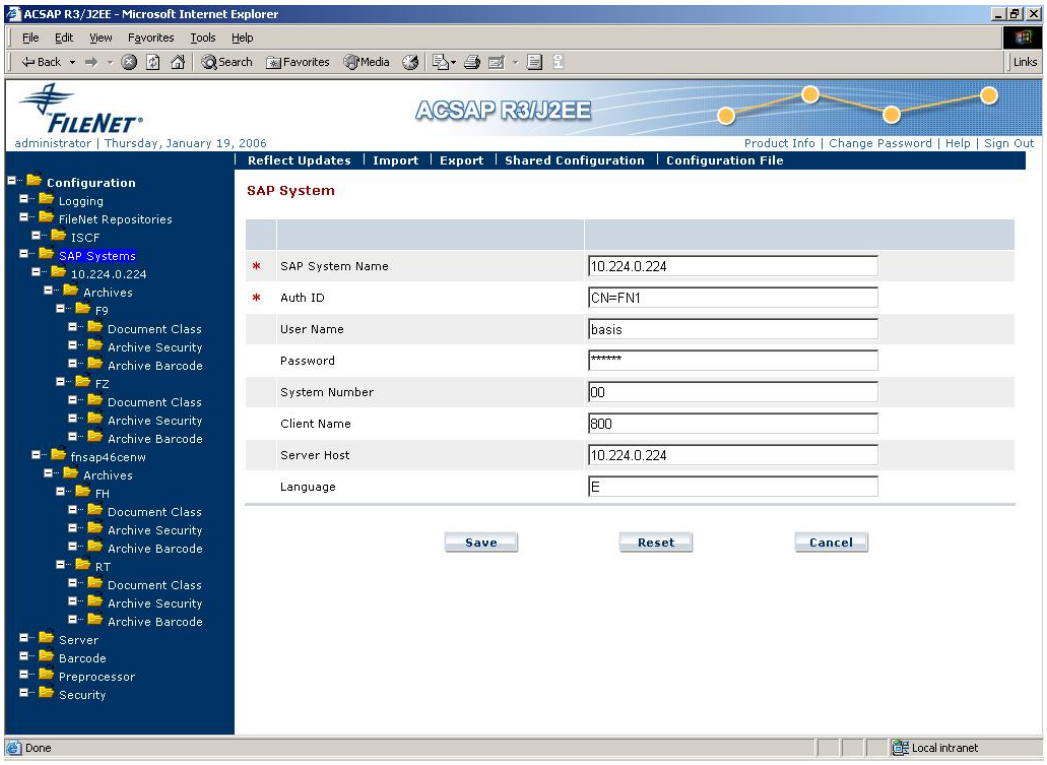
1. Select the Filenet Repositories option in the left pane of the Configuration Tool. The available repositories in the ACSAP/Windows configuration file are displayed under the Filenet Repositories option.



2. Replace the text, 'Add JNDI Name' with the JNDI name of the corresponding ISRA deployed. For more details, refer to ***Installation and Configuration Guide of ACSAP R3/J2EE***, **FileNet Repositories** section.



3. Other fields are supplied with the values from the imported ACSAP/Windows.
4. Click **Save** to save and validate the repository information.
5. Select SAP system name from the left pane of the Configuration Tool and add the AuthID, if it does not exist, as shown below.

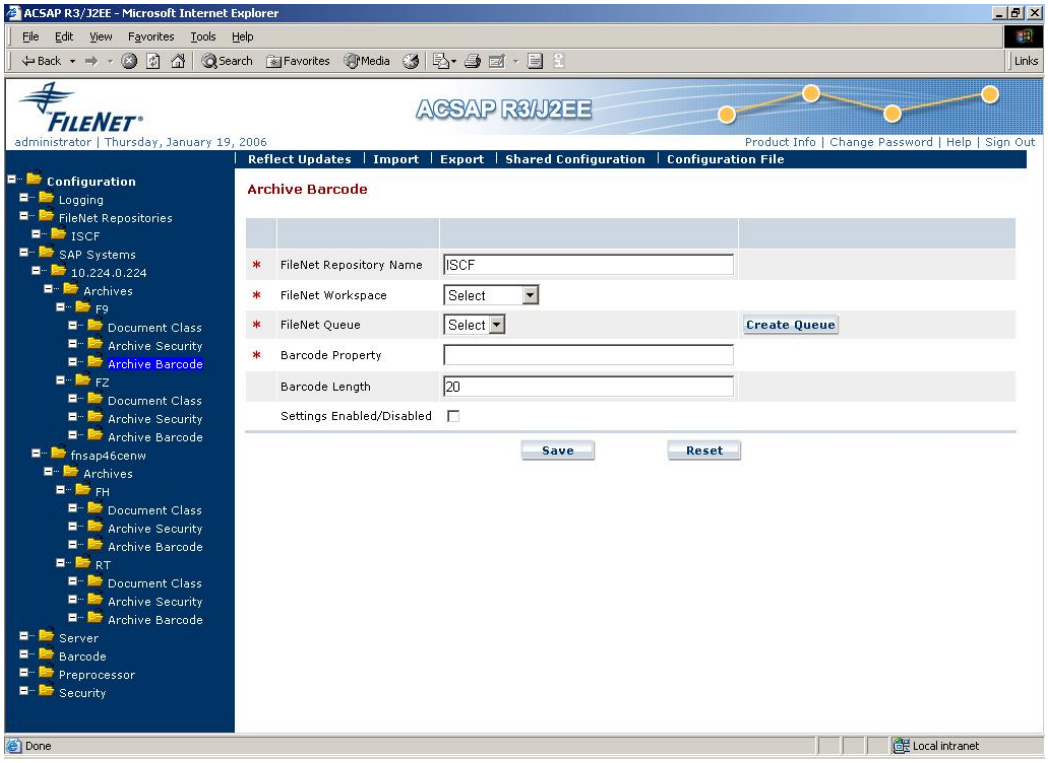


6. Click **Save** to save and validate the SAP system information.
7. Repeat step 5 for each SAP system name under the SAP Systems category.

Update Workspace and Queue values for each Archive

To update Workspace and Queue values for each Archive:

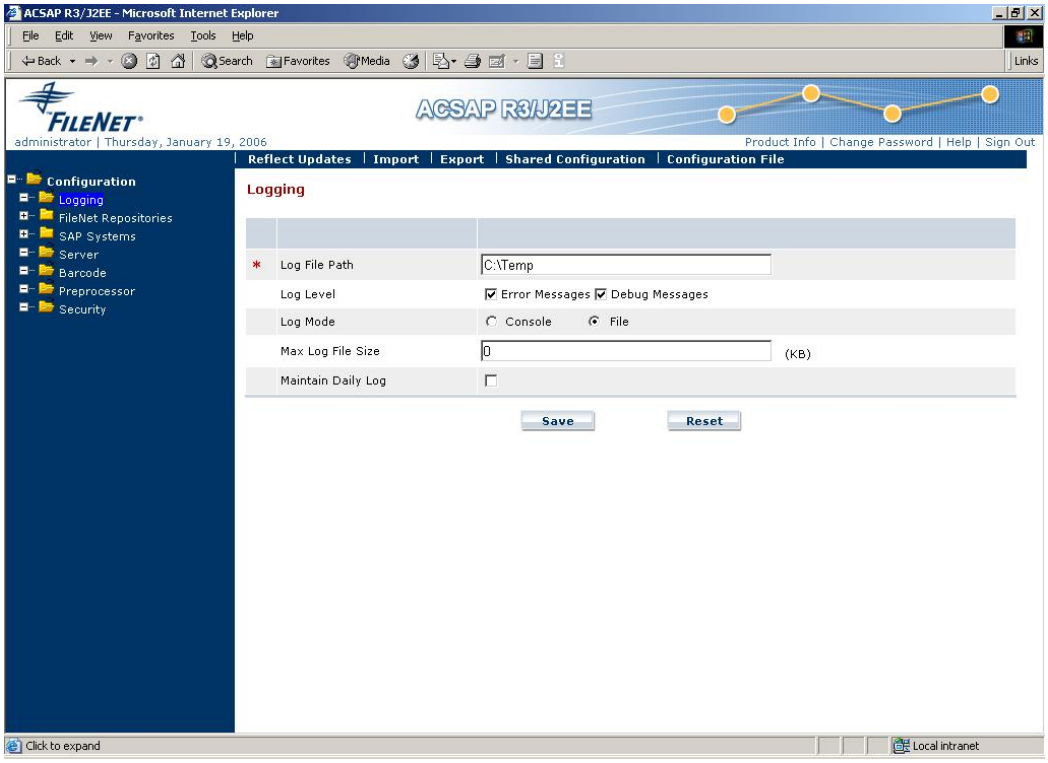
1. Select **Archive Barcode** option in the left pane of the Configuration Tool, a screen appears, as shown below.



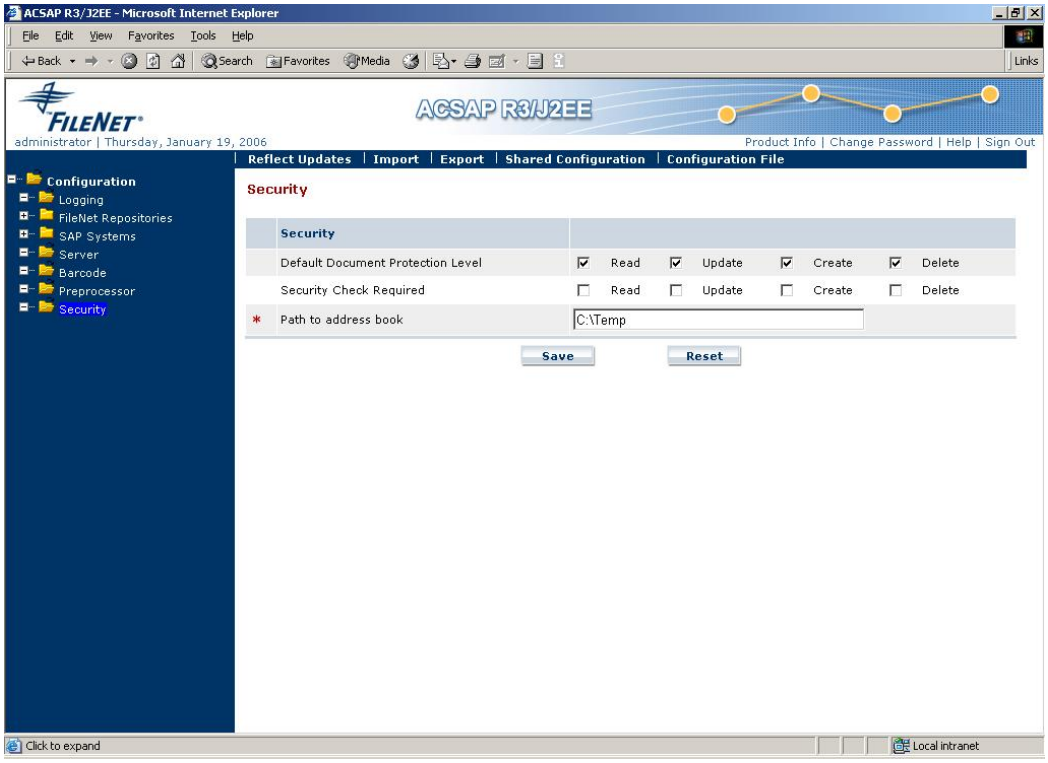
2. Select Workspace and Queue Settings for each archive.
3. **Save** and validate the Workspace and Queue Settings for each archive.

Update Log File Path and Address Book Path

1. Select the **Logging** option in the left pane of the Configuration Tool as shown below.



2. Verify the Log File Path.
3. **Save** and validate the Log File Path.
4. Select the **Security** option in the left pane of the Configuration Tool, as shown below.



5. Verify the Address Book Path.
6. **Save** and validate the Address Book Path.

NOTE: After importing the configuration of ACSAP/Windows, verify the indices of the imported Document Classes. To verify, refer to *Installation and Configuration Guide of ACSAP R3/J2EE 2.0,* **Deploying Document Class in IS/CE** section.

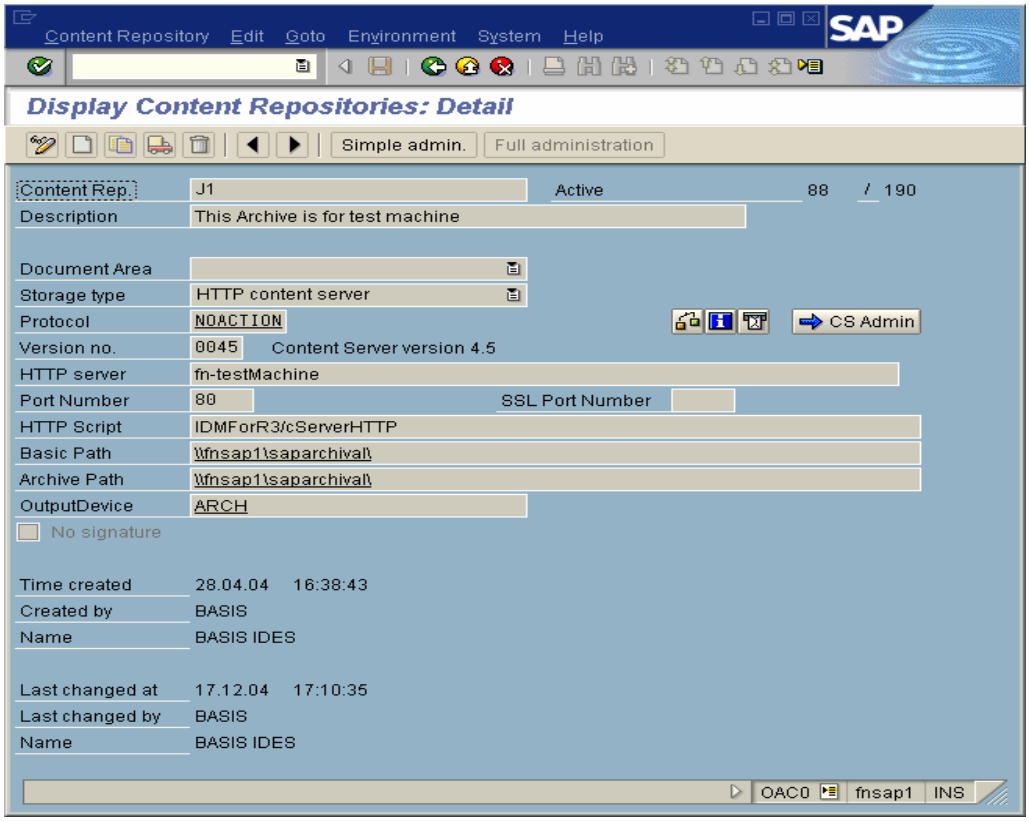
Click Reflect Updates

The configuration settings are saved using **Reflect Updates** link on the Navigation Bar.

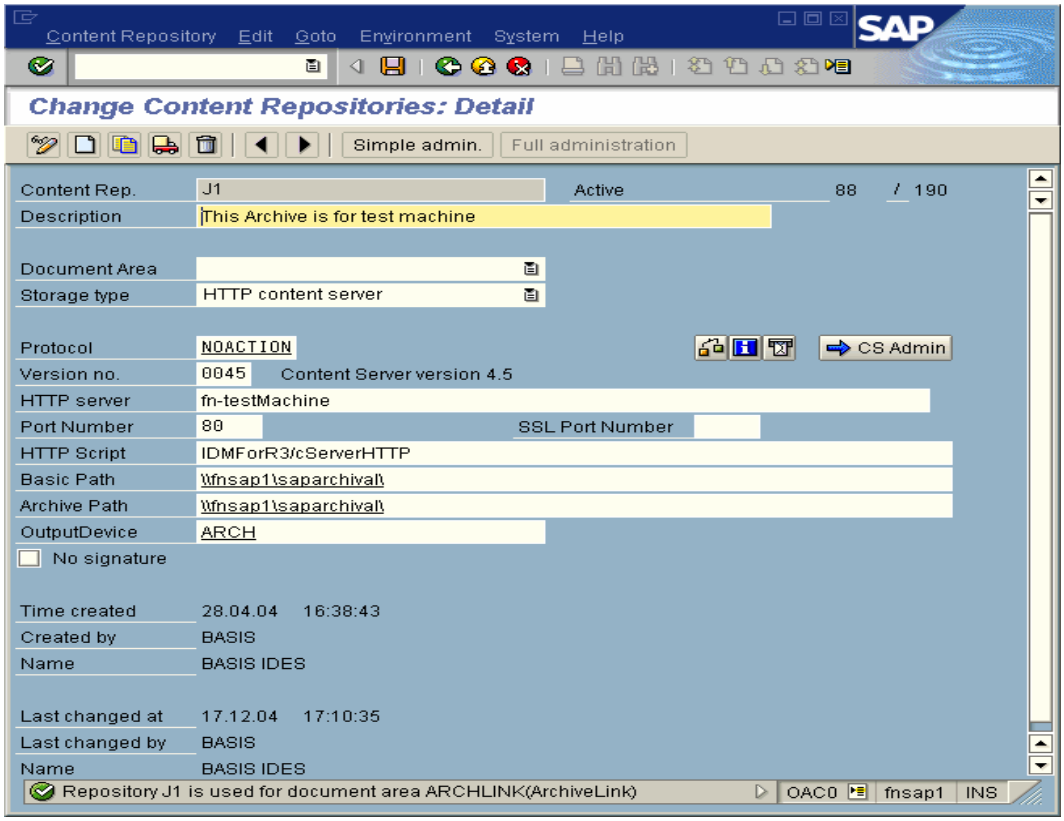
SAP Configuration Changes

SAP configuration for archives in SAP needs to be changed for using ACSAP R3/J2EE. The steps to change archive configuration are as shown below.

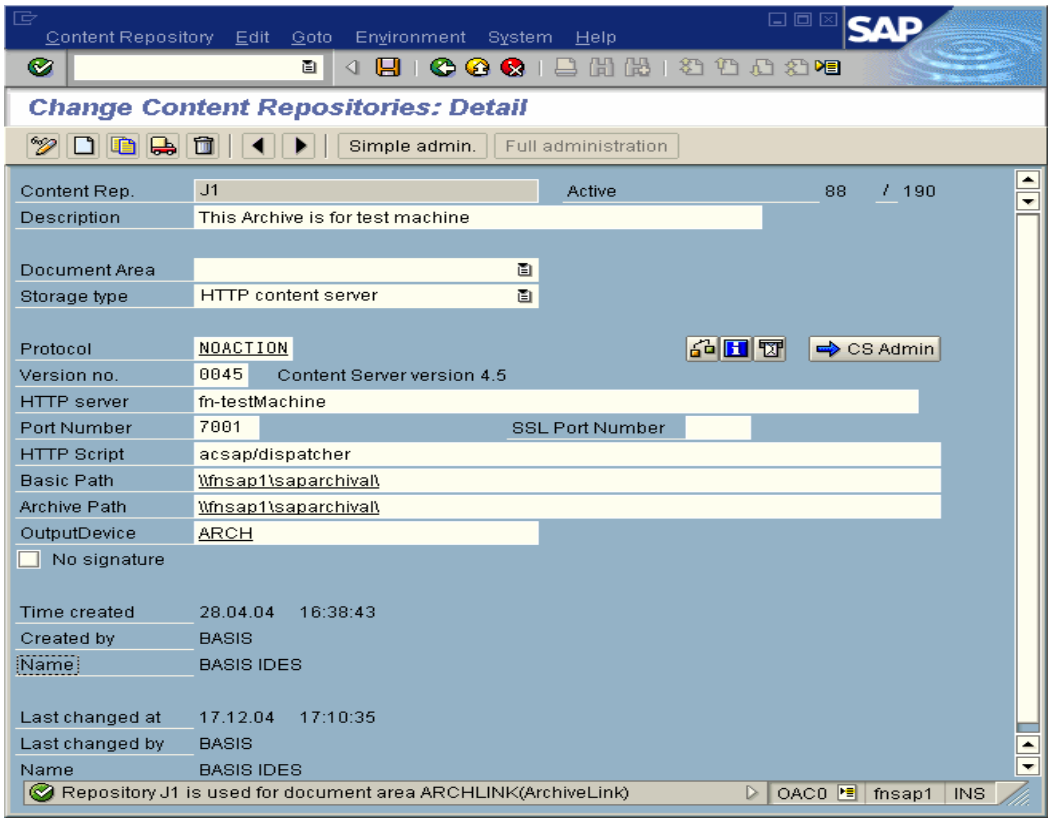
1. Go to transaction ***/noac0*** and select the archive. A screen appears as shown below.


Content Repository Edit Goto Environment System Help
SAP
Display Content Repositories: Detail
Simple admin.
Full administration
Content Rep.
J1
Active
88 / 190
Description
This Archive is for test machine
Document Area
Storage type
HTTP content server
Protocol
NOACTION
CS Admin
Version no.
0045
Content Server version 4.5
HTTP server
fn-testMachine
Port Number
80
SSL Port Number
HTTP Script
IDMForR3/cServerHTTP
Basic Path
\\fnsap1\saparchival\
Archive Path
\\fnsap1\saparchival\
OutputDevice
ARCH
No signature
Time created
28.04.04 16:38:43
Created by
BASIS
Name
BASIS IDES
Last changed at
17.12.04 17:10:35
Last changed by
BASIS
Name
BASIS IDES
OAC0
fnsap1
INS

2. Click **Display/Change** button or press **Ctrl+F4**. An editable screen appears as shown below.



3. Change **Port Number** to the one used by Application Server, for instance 7001. Change **HTTP** Script to <context Root>/dispatcher as shown below.



For more details, refer to ***Installation and Configuration Guide ACSAP R3/J2EE***, **SAP Archive Definition** section.

4. Save the settings and exit.

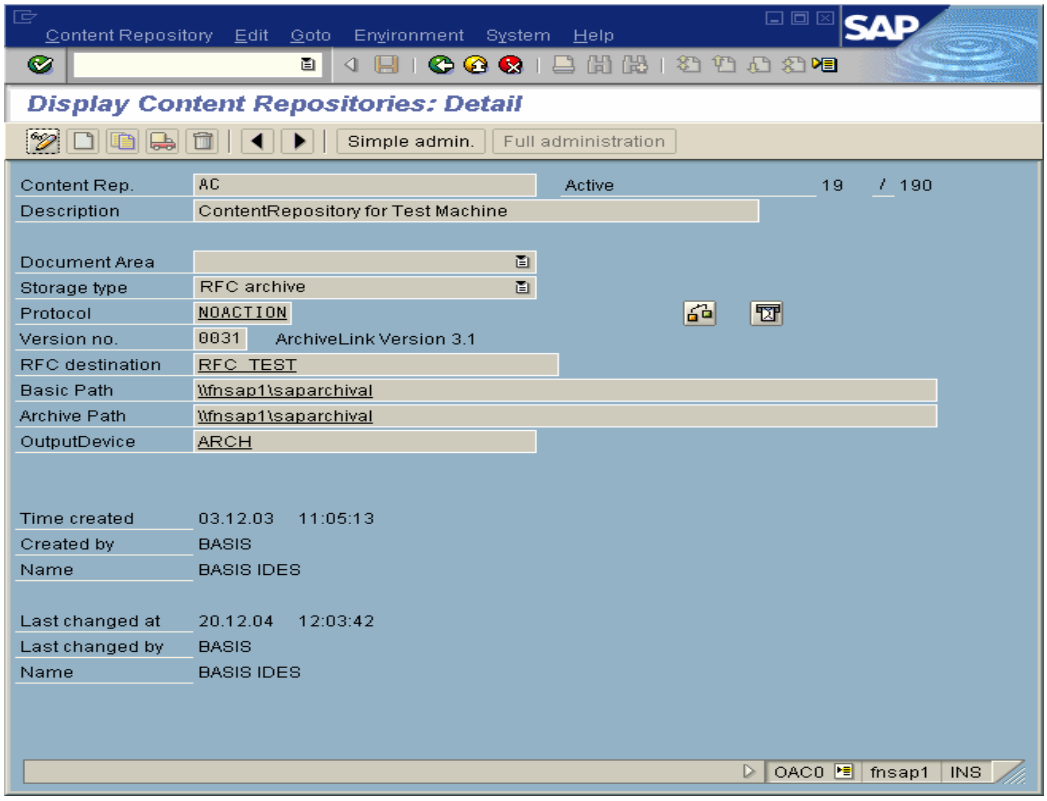
cServer RFC to ACSAP R3/J2EE

cServer RFC is an integral part of ACSAP Windows 5.x. It processes the RFC requests from SAP. ACSAP R3/J2EE supports only HTTP protocol and not RFC protocol. Users of cServer RFC will have to migrate to HTTP communication for using ACSAP R3/J2EE. Install ACSAP R3/J2EE and import dwSettings.dwc file, refer to cServer HTTP to ACSAP R3/J2EE for more details.

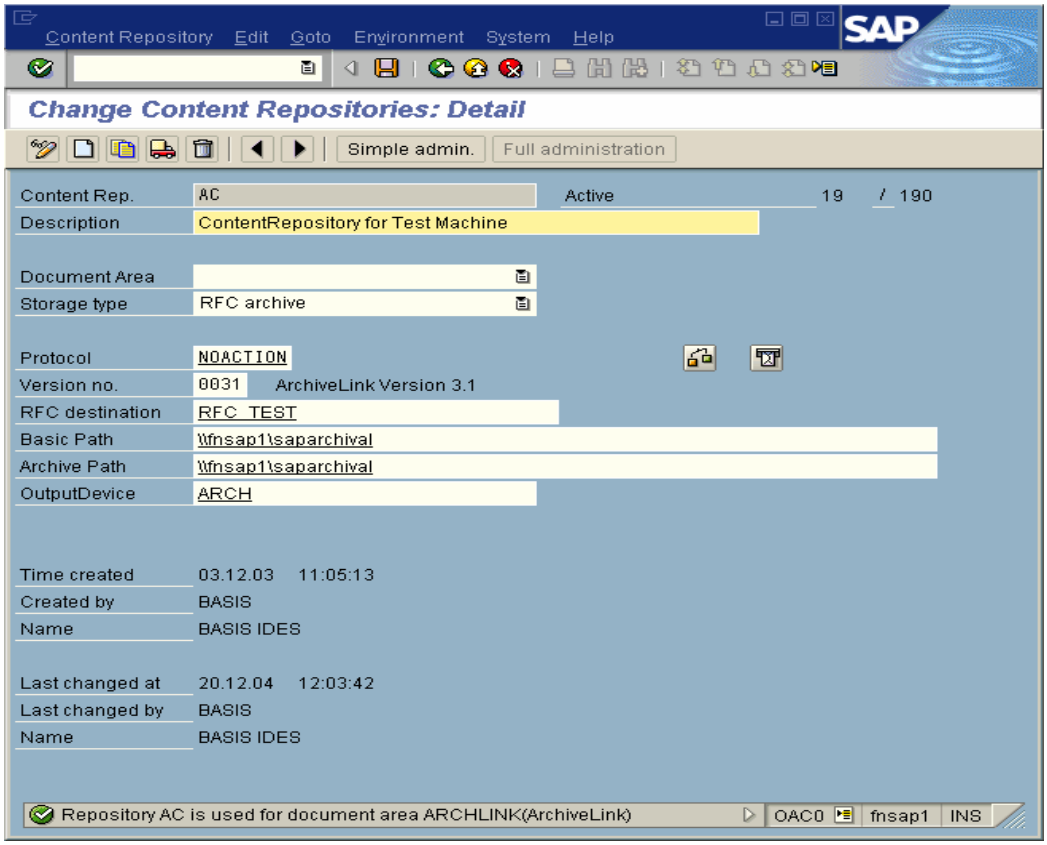
SAP Configuration Changes

RFC Archives in SAP need to be changed for using ACSAP R3/J2EE. To change the RFC archives:

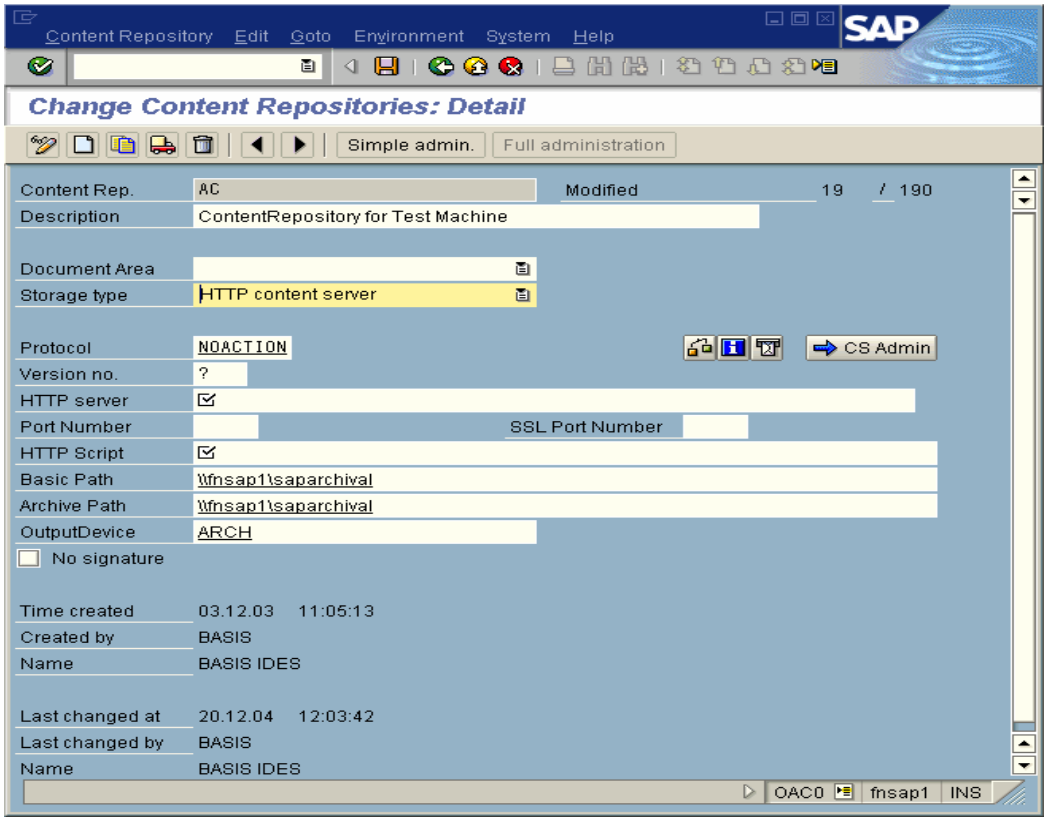
1. Go to Transaction **/noac0** and select the Archive. A screen appears as shown below.



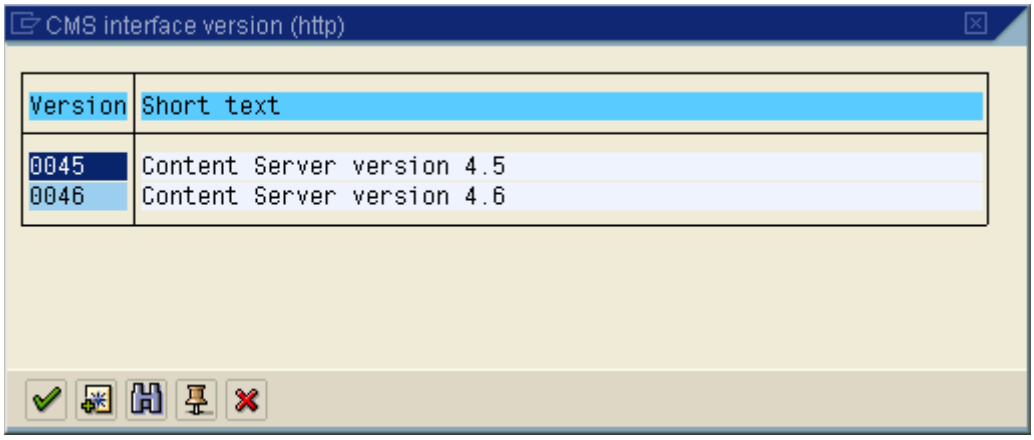
2. Click **Change Display** or press **Ctrl + F4**. An editable screen appears as shown below.



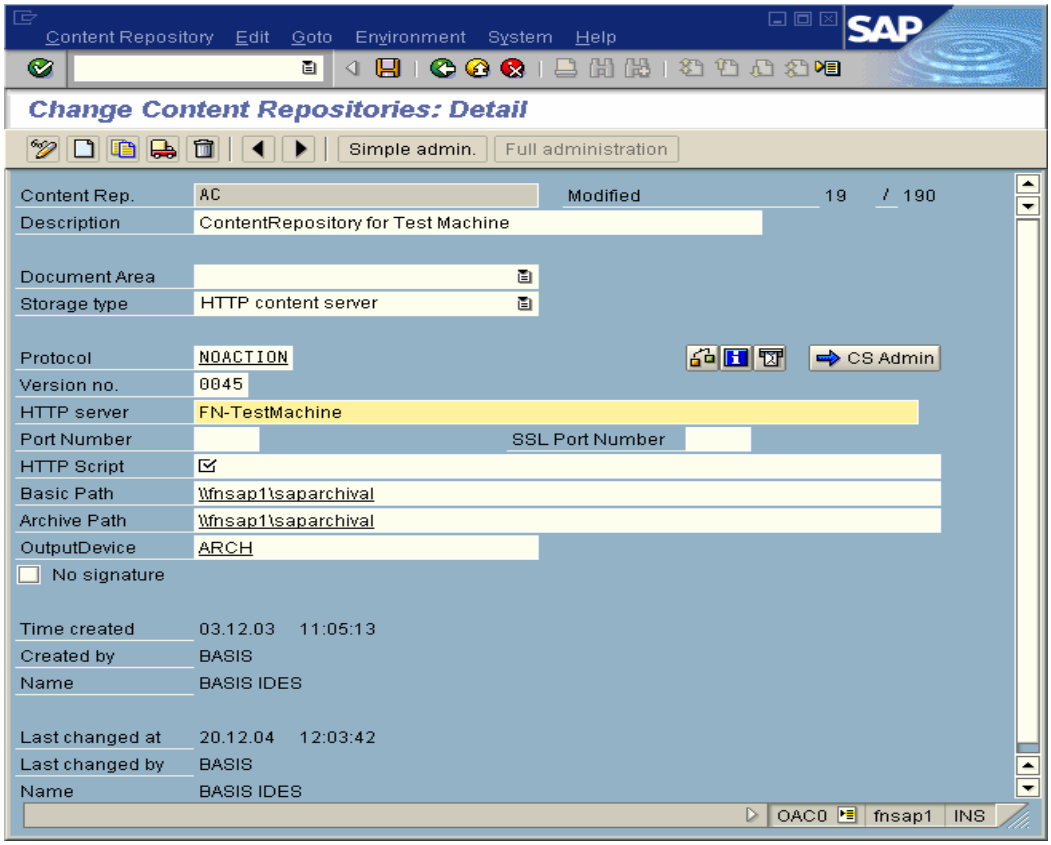
3. Select **Storage Type** and change it to **HTTP Content Server** as shown below.



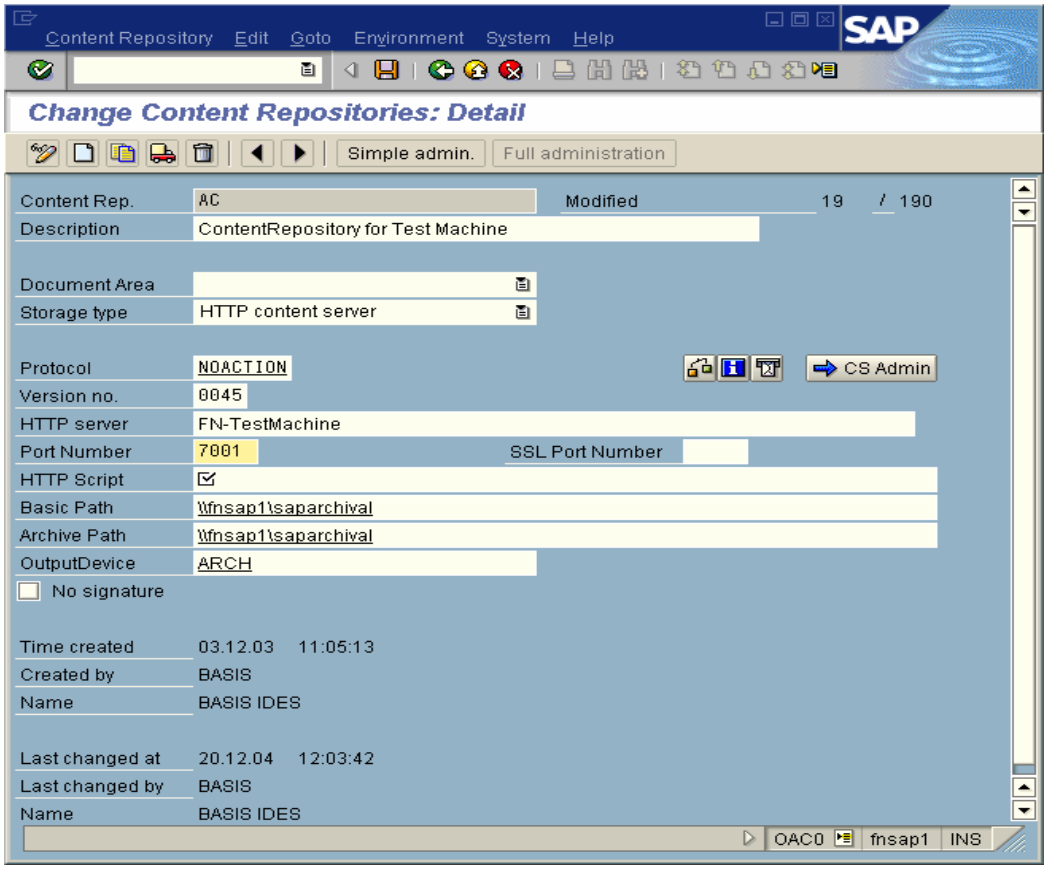
4. Select **Version no.** and press **F4**. A screen appears as shown below.



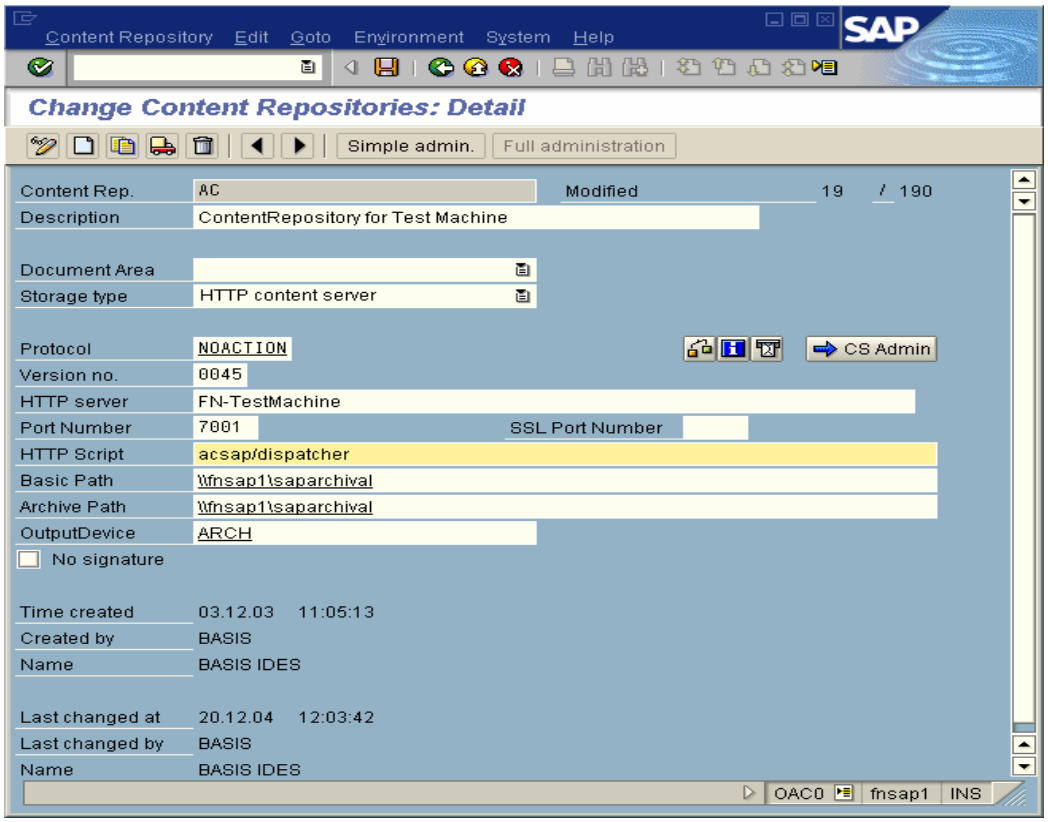
5. Select the SAP Archive Link Version.
6. Select the **HTTP server** and enter the machine name, where ACSAP R3/J2EE is deployed as shown below.



7. Change the **Port Number** to the one, used by the Application Server as shown below.


Content Repository
Edit
Goto
Environment
System
Help
SAP
Change Content Repositories: Detail
Simple admin.
Full administration
Content Rep.
AC
Modified
19
/ 190
Description
ContentRepository for Test Machine
Document Area
Storage type
HTTP content server
Protocol
NOACTION
CS Admin
Version no.
0045
HTTP server
FN-TestMachine
Port Number
7001
SSL Port Number
HTTP Script
Basic Path
\\fnsap1\saparchival
Archive Path
\\fnsap1\saparchival
OutputDevice
ARCH
No signature
Time created
03.12.03
11:05:13
Created by
BASIS
Name
BASIS IDES
Last changed at
20.12.04
12:03:42
Last changed by
BASIS
Name
BASIS IDES
OAC0
fnsap1
INS

8. Select the **HTTP Script** field. Enter the <Context Name>/dispatcher as shown below.



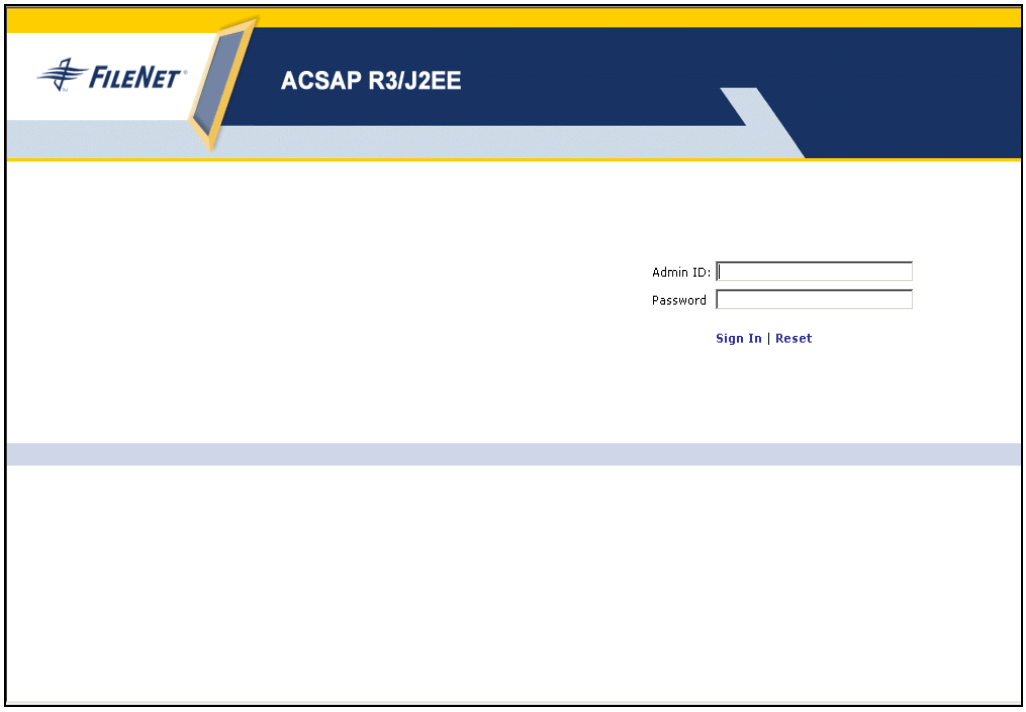
For more details, refer to section **SAP Archive Definition**, page 57 in ACSAP R3/J2EE Installation and Configuration Guide.

9. Save the settings and exit.

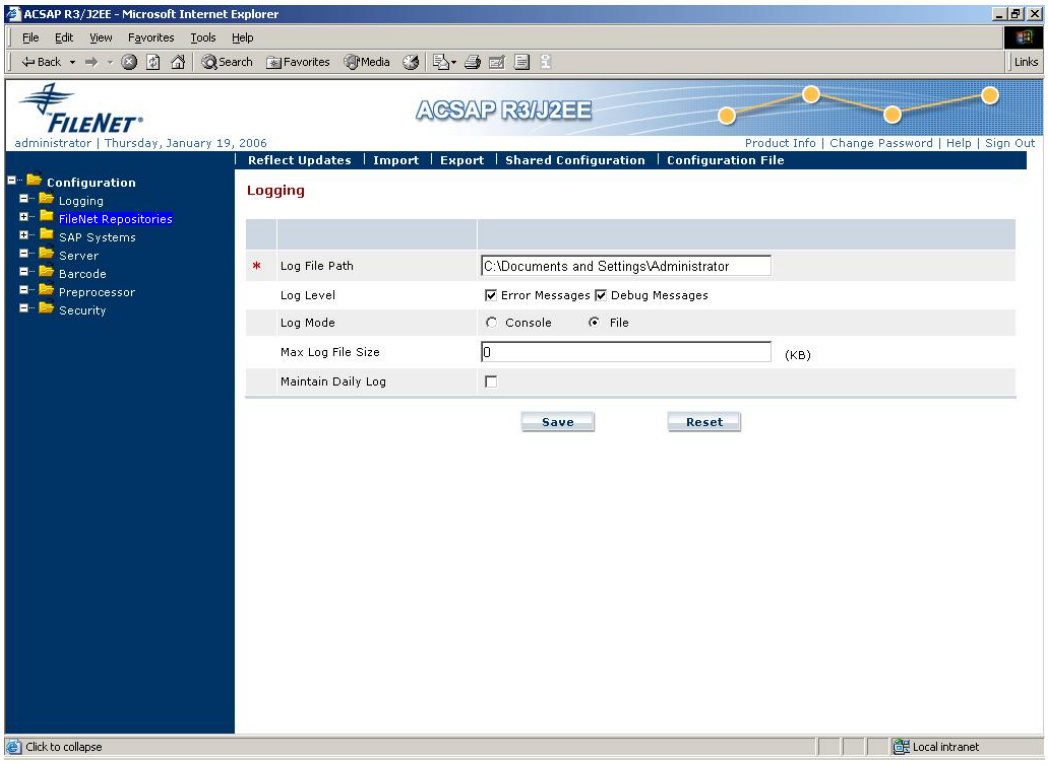
Serverlink (Unix) to ACSAP R3/J2EE

Serverlink supports RFC communication on Windows and Unix platform. ServerLink users will have to migrate to HTTP communication for using ACSAP R3/J2EE. Serverlink will be referred as ACSAP/Windows 4.x. To migrate to ACSAP R3/J2EE from ServerLink (Unix), user needs to import settings defined in the files: srvlink.config, saprfc.ini and RFCDES. The import process extracts configuration details, such as Logging details, FileNet Repositories, and SAP Systems from these files and over writes the existing settings. To import the configuration settings, perform the following steps:

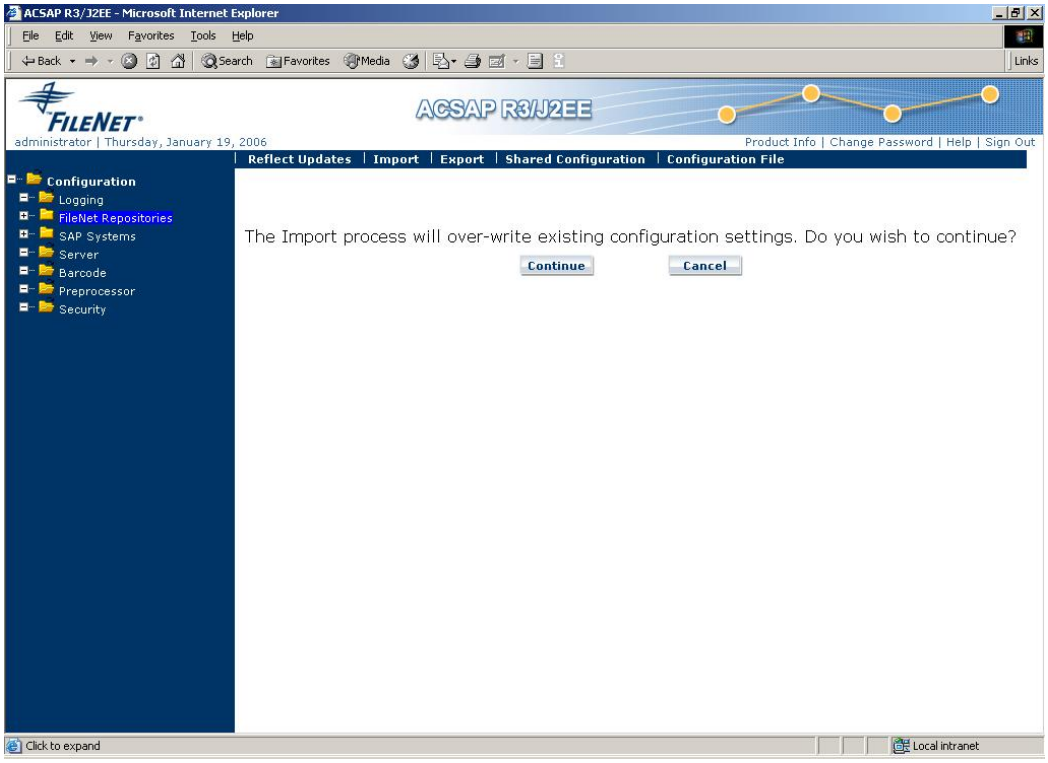
1. Login to the Configuration Tool, which is a part of ACSAP R3/J2EE. The Login screen is shown below.



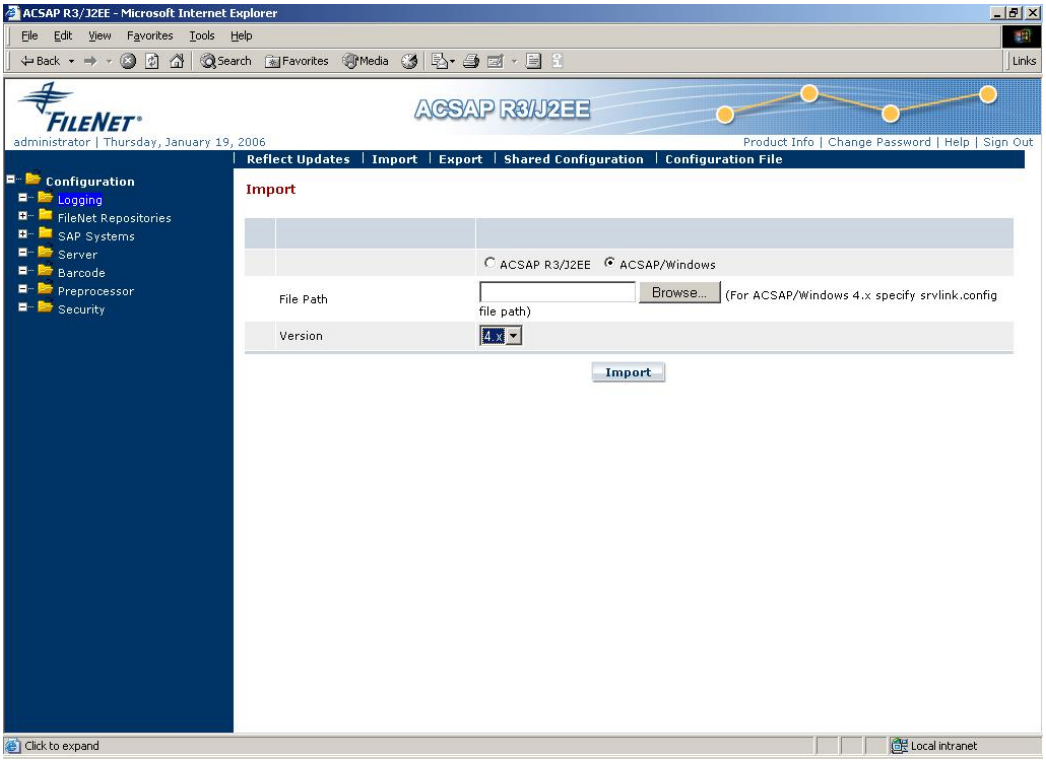
2. Enter the **Admin ID** and **Password** to display the screen as shown below.



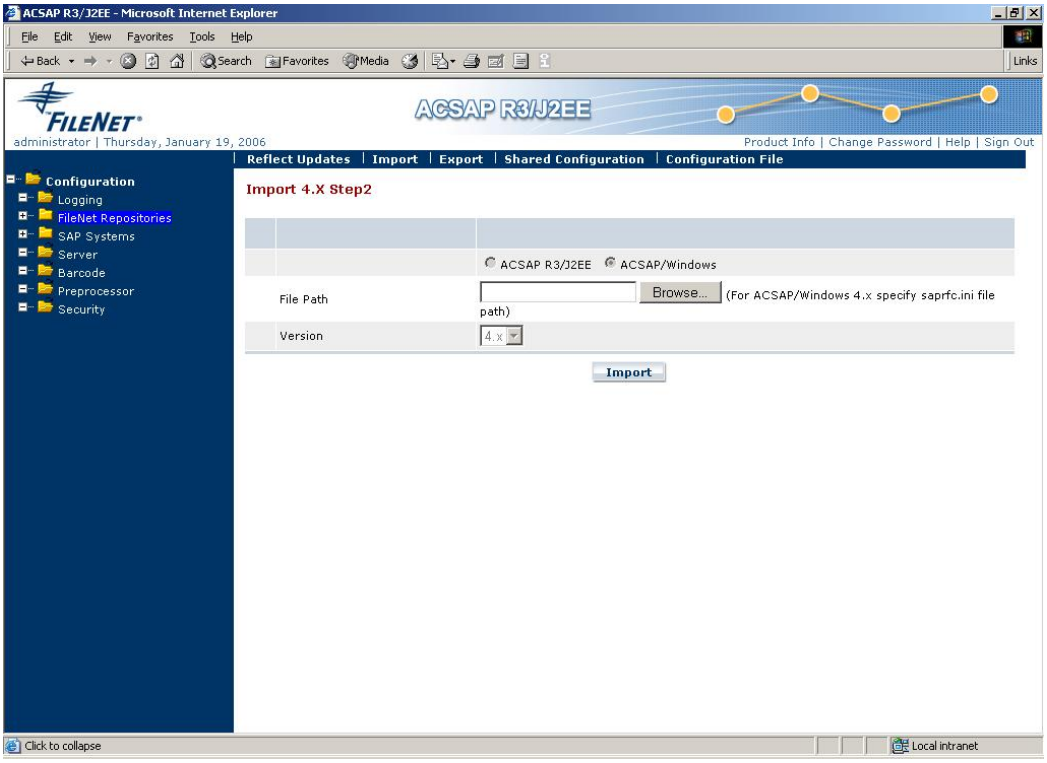
3. Click **Import** in the navigation bar to see a screen similar to the one depicted below.



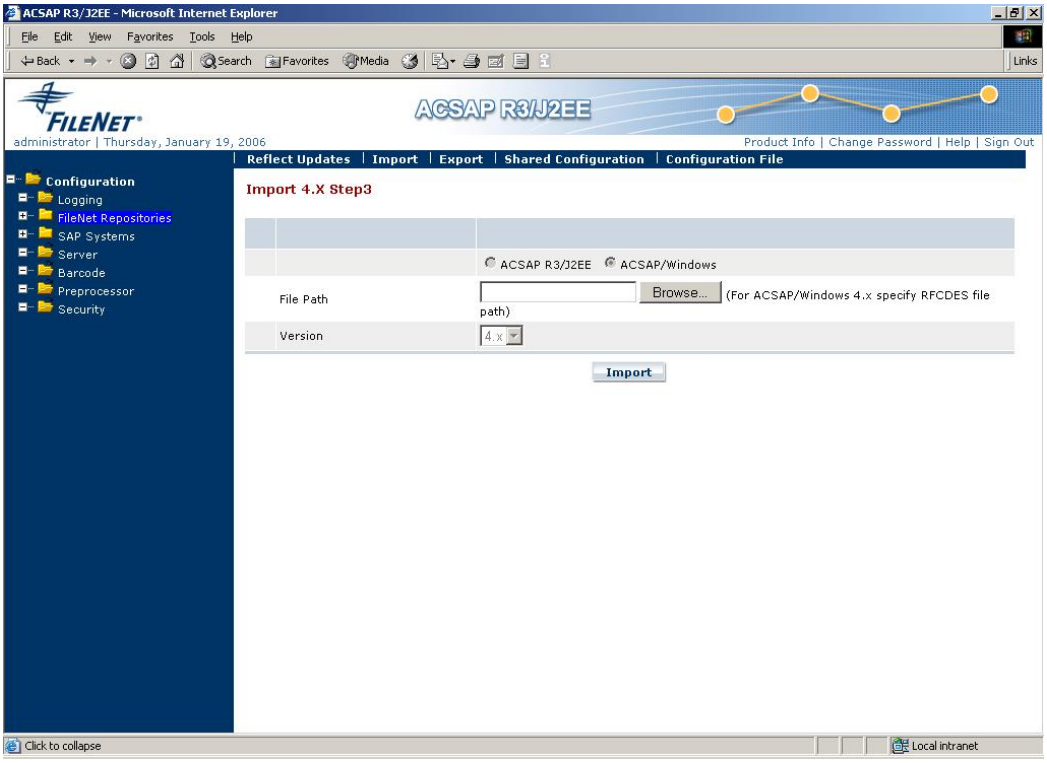
4. Click **Continue** to overwrite existing configuration settings or **Cancel** to return to the default page (Logging). If you click **Continue**, the following screen displays:



5. Select the **ACSAP/Windows** radio button and specify the version as 4.x in the **Version** drop down list. A message to specify srvlink.config is displayed beside the **Browse** button.
6. Click **Browse** to select the srvlink.config file from its stored location.
7. Click **Import**. After successful import of srvlink.config file, Import 4.x Step2 screen is displayed.

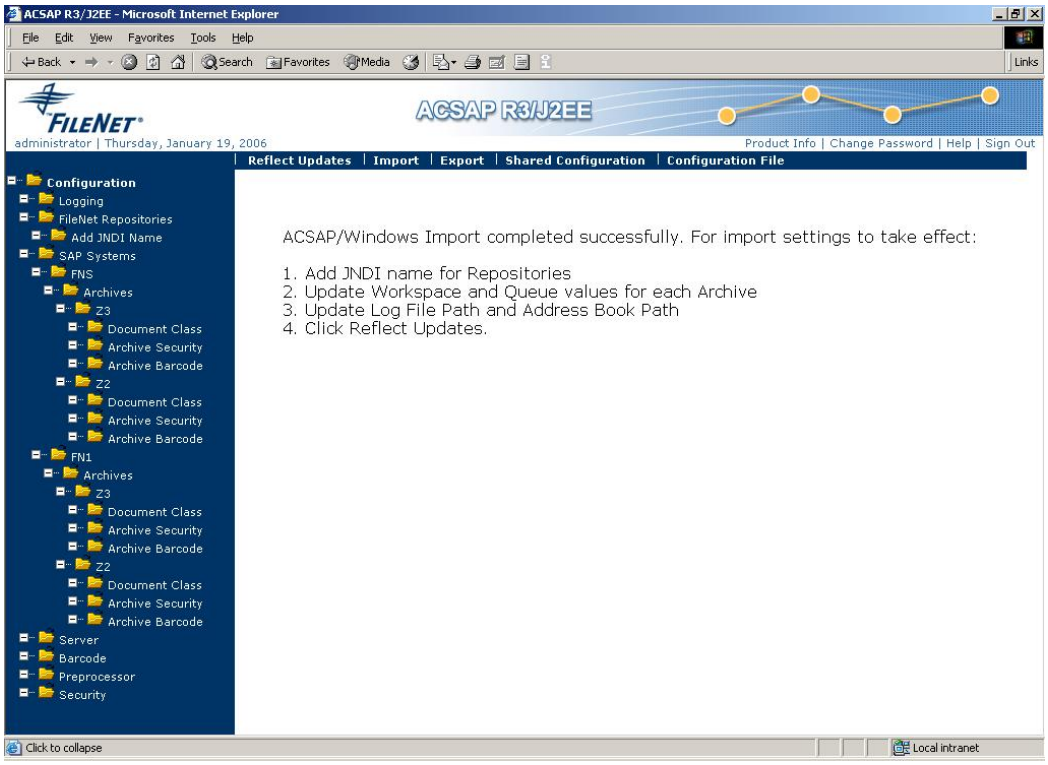


8. Click **Browse** and select the saprfc.ini file from its stored location.
9. Click **Import**. After successful import of saprfc.ini file, Import 4.x Step3 screen is displayed. The message to specify RFCDES file path is displayed beside **Browse**.



10. Click **Browse** and select the RFCDES file from its stored location.

11. Click **Import**. After successful import of RFCDES file, the following screen is displayed.



12. The ACSAP/Windows Configuration Settings are imported to ACSAP R3/J2EE configuration.

    The Configuration Settings are imported to ACSAP R3/J2EE. You need to perform post-Import activities for settings to be effective.

For post import activities, refer to Post- Import activities for ACSAP/Windows.

SAP Configuration Changes

RFC Archives in SAP need to be changed for using ACSAP R3/J2EE. Perform the changes as mentioned in the SAP Configuration Changes section of the previous topic.

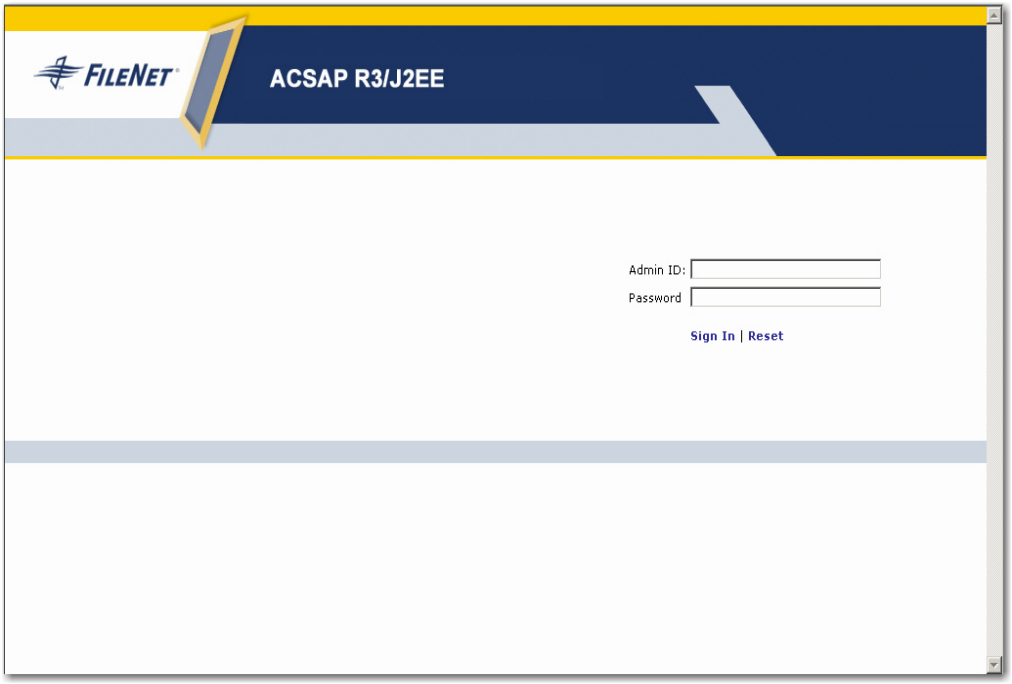
Serverlink (Windows) to ACSAP R3/J2EE

The steps for migrating from ServerLink (Windows) to ACSAP R3/J2EE are similar to that of ServerLink (Unix) to ACSAP R3/J2EE. For more details, refer Serverlink (Unix) to ACSAP R3/J2EE

ACSAP R3/J2EE 1.0.1 to ACSAP R3/J2EE 2.0

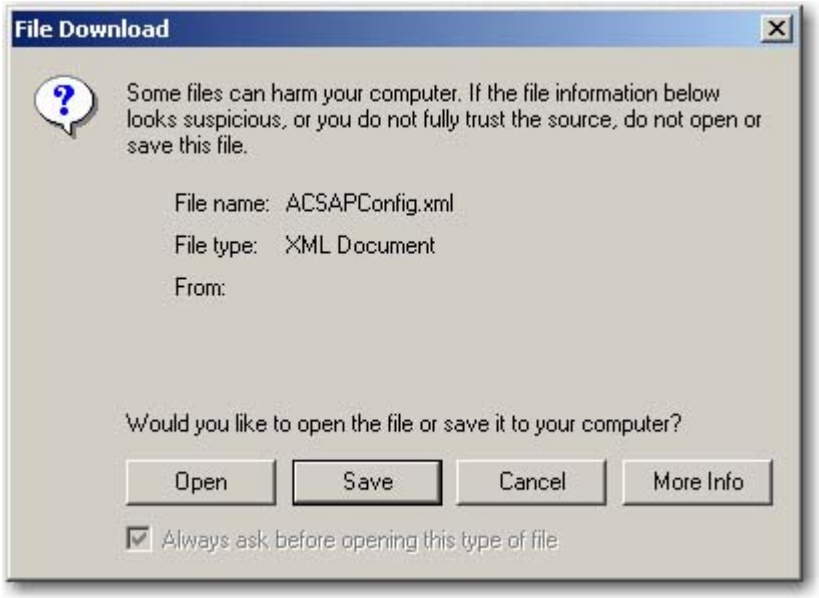
ACSAP R3/J2EE 1.0.1 is a former version of ACSAP R3/J2EE. To migrate from ACSAP R3/J2EE 1.0.1 to ACSAP R3/J2EE 2.0, user needs to export the settings defined in the configuration file of ACSAP R3/J2EE 1.0.1 called ACSAPConfig.xml, uninstall ACSAP R3/J2EE 1.0.1, install and deploy ACSAP R3/J2EE 2.0, and import settings defined in the ACSAPConfig.xml to ACSAP R3/J2EE 2.0. The import process extracts configuration details, such as Logging details, FileNet Repositories, and SAP Systems from the ACSAPConfig.xml file and overwrites the existing settings. To migrate from ACSAP R3/J2EE 1.0.1 to ACSAP R3/J2EE 2.0, perform the following steps:

1. Export the ACSAPConfig.xml file from ACSAP R3/J2EE 1.0.1.
    a. Login to the Configuration Tool, which is a part of ACSAP R3/J2EE. The Login screen appears as shown below:



    b. Enter the **Admin ID** and **Password** to display the following screen:

c. Click **Export.** The following message box appears.



d. Click **Save**. Specify a location where the configuration settings are to be exported.

The configuration settings in the ACSAPConfig.xml file for ACSAP R3/J2EE 1.0.1 will be exported to the location that you specify.

2. Uninstall ACSAP R3/J2EE 1.0.1.

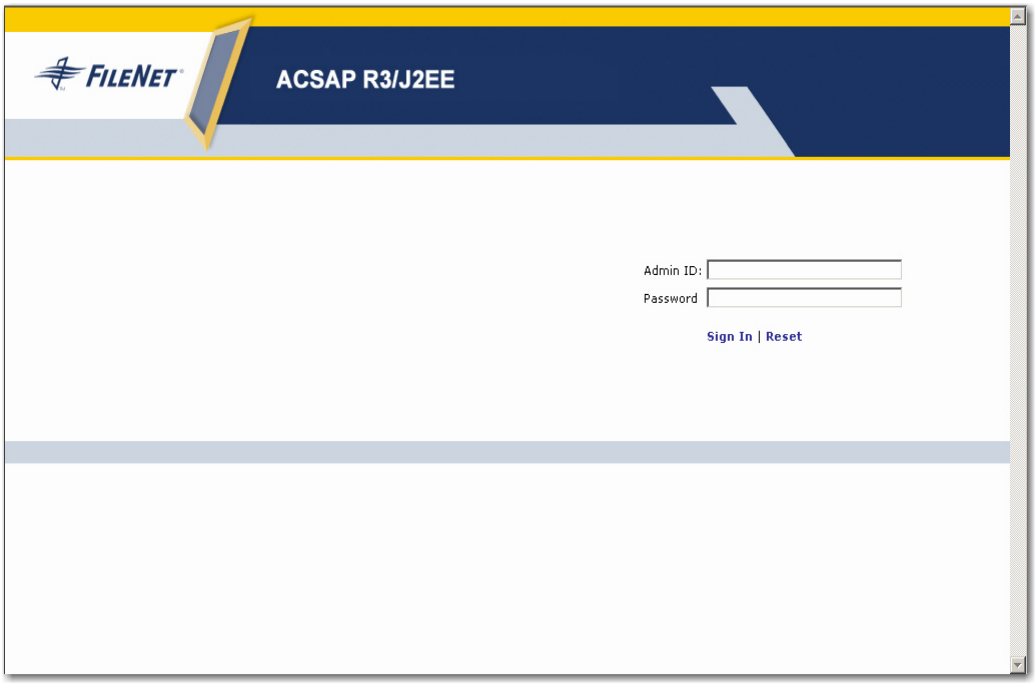
To uninstall ACSAP R3/J2EE 1.0.1 from the system, refer the **Uninstallation** section of the Installation and Configuration Manual for ACSAP R3/J2EE 1.0.1.

3. Install and deploy ACSAP R3/J2EE 2.0.

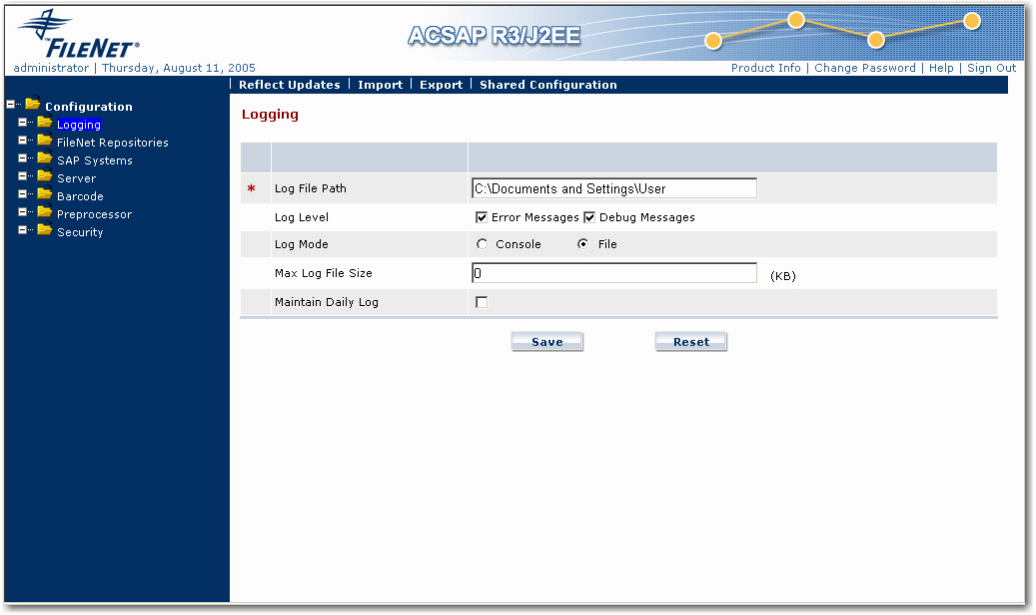
To install and deploy ACSAP R3/J2EE 1.0.1 from the system, refer the **ACSAP R3/J2EE Installation** and **ACSAP R3/J2EE Deployment** sections of the Installation and Configuration Manual for ACSAP R3/J2EE Release 2.0.

a. Import the ACSAPConfig.xml to ACSAP R3/J2EE 2.0.

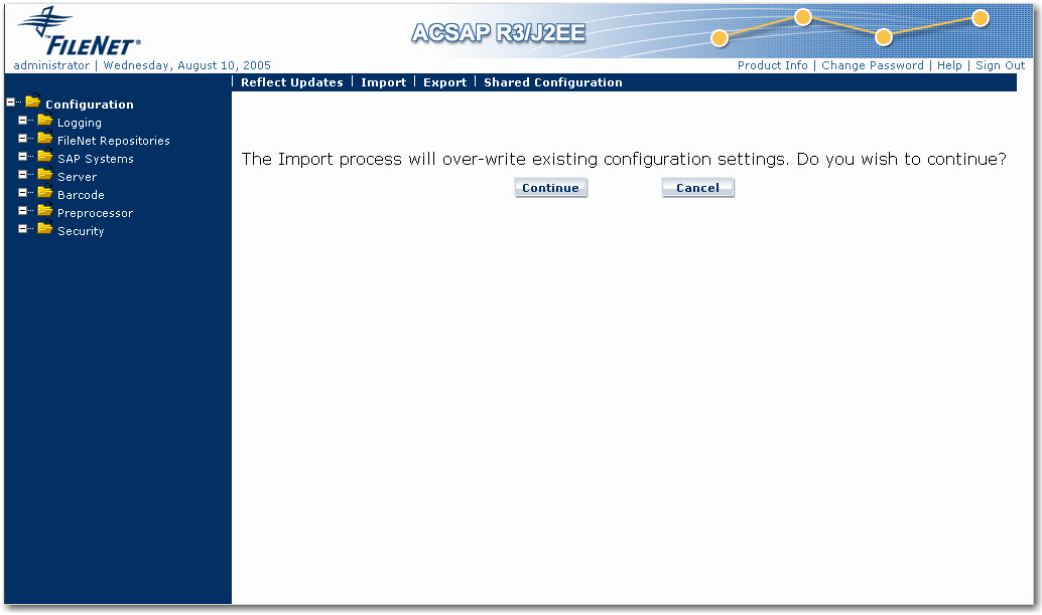
b. Login to the Configuration Tool, which is a part of ACSAP R3/J2EE. The Login screen appears as shown below:



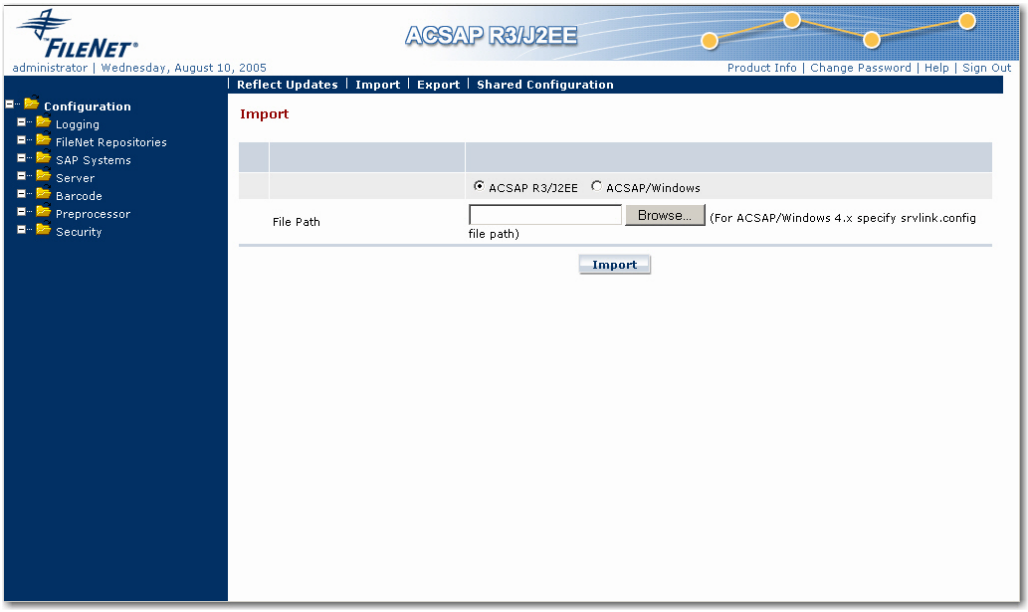
c. Enter the **Admin ID** and **Password** to display the following screen:



d. Click **Import** to see a screen similar to the one depicted below:



e. Click **Continue** to display a screen as shown below:

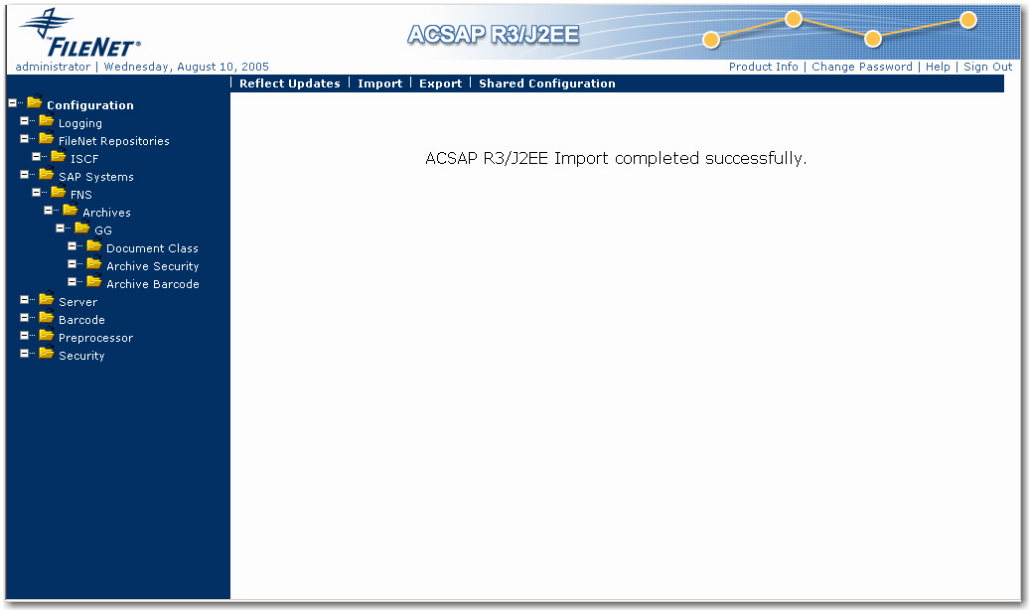


f. Ensure that the **ACSAP R3/J2EE** option is selected.

g. Refer the following table to enter the preferences:

Preferences	Description
File Path	Browse and select the ACSAPConfig.xml (configuration file of ACSAP R3/J2EE 1.0.1) file to be imported.

h. Click **Import** to import the settings of ACSAP R3/J2EE 1.0.1 defined in ACSAPConfig.xml file to ACSAP R3/J2EE 2.0 configuration. A screen appears as shown below:



However, you need to validate the existing repositories, SAP systems and other configuration data. For more details, refer to ***Installation and Configuration Guide for ACSAP R3/J2EE 2.0.***

To save the configuration settings, click **Reflect Updates** link on the Navigation Bar.

ACSAP R3/J2EE 1.0.1 to ACSAP R3/J2EE 2.0.1

ACSAP R3/J2EE 1.0.1 is a former version of ACSAP R3/J2EE. To migrate from ACSAP R3/J2EE 1.0.1 to ACSAP R3/J2EE 2.0.1, install and deploy ACSAP R3/J2EE 2.0.1. During the installation of ACSAP 2.0.1, the installer automatically detects and imports the configuration of ACSAP R3/J2EE 1.0.1 to ACSAP R3/J2EE 2.0.1. Automatic import process extracts configuration details, such as Logging, FileNet Repositories, and SAP Systems from the ACSAPConfig.xml file. To migrate from ACSAP R3/J2EE 1.0.1 to ACSAP R3/J2EE 2.0.1, perform the following steps:

NOTE: ACSAP R3/J2EE 2.0.1 functionality is not affected, even if the user does not uninstall ACSAP R3/J2EE 1.0.1.

1. Install and deploy ACSAP R3/J2EE 2.0.1.

   To install and deploy ACSAP R3/J2EE 2.0.1 from the system, refer to ***Installation and Configuration Guide for ACSAP R3/J2EE 2.0.1***, **ACSAP R3/J2EE Installation** and **ACSAP R3/J2EE Deployment** sections.

   ACSAP R3/J2EE 2.0.1 installer automatically detects and imports ACSAP R3/J2EE 1.0.1 configuration into ACSAP R3/J2EE 2.0.1. However, you need to validate the existing repositories, SAP systems and other configuration data. For more details, refer to ***Installation and Configuration Guide for ACSAP R3/J2EE 2.0.1***.

2. In the ACSAP R3/J2EE 1.0.1, the Pure Thin settings were configured at the Server level but in case of ACSAP R3/J2EE 2.0.1, the Pure Thin settings are available at each archive. Therefore, after migration for each archive you must validate these settings.

NOTE: The ACSAP R3/J2EE 2.0.1 installer automatically renames the previous version of ACSAP R3/J2EE 1.0.1 configuration file named ACSAPConfig.xml to ACSAPConfig.xml.00 and imports the configuration details to the newly installed file ACSAPConfig2_0_1.xml.

The ACSAP R3/J2EE 2.0.1 migration is incomplete until the ACSAP R3/J2EE 2.0.1 is deployed on an Application Server.

ACSAP R3/J2EE 2.0 to ACSAP R3/J2EE 2.0.1

ACSAP R3/J2EE 2.0 is a former version of ACSAP R3/J2EE. To migrate from ACSAP R3/J2EE 2.0 to ACSAP R3/J2EE 2.0.1, install and deploy ACSAP R3/J2EE 2.0.1. During the installation of ACSAP R3/J2EE 2.0.1, the installer automatically removes the ACSAP R3/J2EE 2.0 installation. ACSAP R3/J2EE 2.0.1 installer also detects and imports the configuration of ACSAP R3/J2EE 2.0 to ACSAP R3/J2EE 2.0.1. Automatic import process extracts configuration details, such as Logging, FileNet Repositories, and SAP Systems from the ACSAPConfig2.xml file. To migrate from ACSAP R3/J2EE 2.0 to ACSAP R3/J2EE 2.0.1, perform the following steps:

1. Install and deploy ACSAP R3/J2EE 2.0.1.

   To install and deploy ACSAP R3/J2EE 2.0.1 from the system, refer the **ACSAP R3/J2EE Installation** and **ACSAP R3/J2EE Deployment** sections of the Installation and Configuration Manual for ACSAP R3/J2EE Release 2.0.1.

2. In the ACSAP R3/J2EE 2.0, the Pure Thin settings were configured at the Server level but in case of ACSAP R3/J2EE 2.0.1, the Pure Thin settings are available at each archive. Therefore, after migration for each archive you must validate these settings.

NOTE: The ACSAP R3/J2EE 2.0.1 installer automatically renames the previous version of ACSAP R3/J2EE 2.0 configuration file named ACSAPConfig2.xml to ACSAPConfig2.xml.00 and imports the configuration details to the newly installed file ACSAPConfig2_0_1.xml.

The ACSAP R3/J2EE 2.0.1 migration is incomplete until the ACSAP R3/J2EE 2.0.1 is deployed on an application server.

ACSAP R3/J2EE 1.0.1 to ACSAP R3/J2EE 2.1

ACSAP R3/J2EE 1.0.1 is a former version of ACSAP R3/J2EE. To migrate from ACSAP R3/J2EE 1.0.1 to ACSAP R3/J2EE 2.1, install and deploy ACSAP R3/J2EE 2.1. During the installation of ACSAP 2.1, the installer automatically detects and imports the configuration of ACSAP R3/J2EE 1.0.1 to ACSAP R3/J2EE 2.1. Automatic import process extracts configuration details, such as Logging, FileNet Repositories, and SAP Systems from the ACSAPConfig.xml file. To migrate from ACSAP R3/J2EE 1.0.1 to ACSAP R3/J2EE 2.1, perform the following steps:

NOTE: ACSAP R3/J2EE 2.1 functionality is not affected, even if the user does not uninstall ACSAP R3/J2EE 1.0.1.

1. Install and deploy ACSAP R3/J2EE 2.1.

   To install and deploy ACSAP R3/J2EE 2.1 from the system, refer to ***Installation and Configuration Guide for ACSAP R3/J2EE 2.1***, **ACSAP R3/J2EE Installation** and **ACSAP R3/J2EE Deployment** sections.

   ACSAP R3/J2EE 2.1 installer automatically detects and imports ACSAP R3/J2EE 1.0.1 configuration into ACSAP R3/J2EE 2.1. However, you need to validate the existing repositories, SAP systems and other configuration data. For more details, refer to ***Installation and Configuration Guide for ACSAP R3/J2EE 2.1***.

2. In the ACSAP R3/J2EE 1.0.1, the Pure Thin settings were configured at the Server level but in case of ACSAP R3/J2EE 2.1, the Pure Thin settings are available at each archive. Therefore, after migration for each archive you must validate these settings.
3. Required Validation check option is included on Logging page. If the user unchecks the option then the Reflect Updates will not verify the modified details of ACSAP.
4. While configuring a new IS Repository, Repository Password length has been fixed to maximum of eight characters.
5. While configuring a new CE Repository, a new field for selecting CE version has been introduced. ACSAP 2.1 supports both CE 3.5.x and 4.0. Based on the selection the value of Remote Server URL, Remote Server Upload URL, and Remote Server Download URL will be changed.
6. If the user has selected only IS adapter then the Archive Page will remain the same. But if the user has selected both the IS and CE adapters and tries to configure Archive for IS then a new text field for Workplace URL appears to enter the URL of the installed Workplace.
7. Support for IS and CE adapter both is included. The versions supported for CE adapter are 3.5.x and 4.0.
8. Link to Install Portlets for this Workplace on Archive Page will prompt the user to select the CE version for which you need to install the portlets.
9. On Server Page, value of Polling Interval is in milliseconds.
10. ACSAP R3/J2EE Log Viewer automatically gets the log file from the location specified in ACSAP logging page.

For more details refer to Installation_and_Configuration_of_ACSAP R3-J2EE2.1.pdf.

NOTE: The ACSAP R3/J2EE 2.1 installer automatically renames the previous version of ACSAP R3/J2EE configuration file named ACSAPConfig.xml to ACSAPConfig.xml.00 and imports the configuration details to the newly installed file ACSAPConfig2_1.xml.

The ACSAP R3/J2EE 2.1 migration is incomplete until the ACSAP R3/J2EE 2.1 is deployed on an Application Server.

ACSAP R3/J2EE 2.0.1 to ACSAP R3/J2EE 2.1

ACSAP R3/J2EE 2.0.1 is a former version of ACSAP R3/J2EE. To migrate from ACSAP R3/J2EE 2.0.1 to ACSAP R3/J2EE 2.1, install and deploy ACSAP R3/J2EE 2.1. During the installation of ACSAP R3/J2EE 2.1, the installer automatically removes the ACSAP R3/J2EE 2.0.1 installation. ACSAP R3/J2EE 2.1 installer also detects and imports the configuration of ACSAP R3/J2EE 2.0 to ACSAP R3/J2EE 2.1. Automatic import process extracts configuration details, such as Logging, FileNet Repositories, and SAP Systems from the ACSAPConfig2.xml file. To migrate from ACSAP R3/J2EE 2.0.1 to ACSAP R3/J2EE 2.1, perform the following steps:

1. Install and deploy ACSAP R3/J2EE 2.1.

   To install and deploy ACSAP R3/J2EE 2.1 from the system, refer the **ACSAP R3/J2EE Installation** and **ACSAP R3/J2EE Deployment** sections of the Installation and Configuration Manual for ACSAP R3/J2EE Release 2.1.
2. In the ACSAP R3/J2EE 2.0, the Pure Thin settings were configured at the Server level but in case of ACSAP R3/J2EE 2.0.1, the Pure Thin settings are available at each archive. Therefore, after migration for each archive you must validate these settings.
3. While configuring a new IS Repository, Repository Password length has been fixed to maximum of eight characters.
4. While configuring a new CE Repository, a new field for selecting CE version has been introduced. ACSAP 2.1 supports both CE 3.5.x and 4.0. Based on the selection the value of Remote Server URL, Remote Server Upload URL, and Remote Server Download URL will be changed.
5. If the user has selected only IS adapter then the Archive Page will remain the same. But if the user has selected both the IS and CE adapters and tries to configure Archive for IS then a new text field for Workplace URL appears to enter the URL of the installed Workplace.
6. Link to Install Portlets for this Workplace on Archive Page will prompt the user to select the CE version for which you need to install the portlets.
7. On Server Page, value of Polling Interval is in milliseconds.
8. ACSAP R3/J2EE Log Viewer automatically gets the log file from the location specified in ACSAP logging page.

For more details refer to Installation_and_Configuration_of_ACSAP R3-J2EE2.1.pdf.

NOTE: The ACSAP R3/J2EE 2.1 installer automatically renames the previous version of ACSAP R3/J2EE configuration file named ACSAPConfig2.xml to ACSAPConfig2.xml.00 and imports the configuration details to the newly installed file ACSAPConfig2_1.xml.

The ACSAP R3/J2EE 2.1 migration is incomplete until the ACSAP R3/J2EE 2.1 is deployed on an application server.

Appendix A – Apache Software License Agreement

```
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 *
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```